

ABSTRACT OF THE DISCLOSURE

[0028] A method and apparatus of seamlessly blending fields of view with reduced parallax. A first camera having a first principle point and a first field of view, a second camera, and an optical element are arranged such that a virtual image of the second camera is formed. The virtual image has a second principle point, which is near the first principle point, and a second field of view, which overlaps the first field of view. The principle points are spaced apart such that the camera parallax is less than a predetermined maximum, but such that the fields of view overlap sufficiently to enable seamless blending of the fields of view.